PTO/SB/52 (07-03)
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| REISSUE APPLICATION DECLARATION BY THE ASSIGNEE | Docket Number (optional) 368-011 C | | |
|--|------------------------------------|--|--|
| I hereby declare that: | • | | |
| The residence, mailing address and citizenship of the inventors are stated below. | | | |
| I am authorized to act on behalf of the following assignee: Purdue Research Foundation | | | |
| and the title of my position with said assignee is: Investment Officer & Corporate Secretary | | | |
| The entire title to the patent identified below is vested in said assignee. | National in | | |
| Inventor Kinam Park | Citizenship Republic of Korea | | |
| Residence/Mailing Address 455 Lagrange St., West 1 | | | |
| Inventor Jun Chen | Citizenship China | | |
| Residence/Mailing Address 2058 Maple Ave., Apt.J1-9, Hatfie Additional Inventors are named on separately numbered sheets a | eld, PA 19440 | | |
| | attachéd hereto. | | |
| 1 atont rambol | ugust 7, 2001 | | |
| Title of Invention Hydrogel Composites and Super Having Fast Swelling, High Mechanical | rporous Hydrogel Composites | | |
| Properties I believe said inventor(s) to be the original and first inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled: (same as above) | | | |
| the specification of which | İ | | |
| x is attached hereto. | J | | |
| was filed on as reissue a | application number/ | | |
| and was amended on(If applicable) | | | |
| I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. | | | |
| I acknowledge the duty to disclose information which is material to patenta | ability as defined in 37 CFR 1.56. | | |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications. | | | |
| I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.) | | | |
| X by reason of a defective specification or drawing. | | | |
| by reason of the patentee claiming more or less than he had the right to claim in the patent. | | | |
| by reason of other errors. | | | |

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 01/31/2004. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Docket Number (Optional) 368-011 C REISSUE APPLICATION DECLARATION BY THE ASSIGNEE At least one error upon which reissue is based is described as follows: Failure to make reference to prior copending application [Attach additional sheets, if needed.] All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. I hereby appoint: 23511 Practitioners at Customer Number: Practitioner(s) named below: Registration Number Name as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Correspondence Address: Direct all communications about the application to: 23511 **Customer Number:** OR Firm or Individual Name Address Address Zip State City Country Fax Telephone I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full-name of person signing (given name) family name) Bruce L. Pershing Date Signature February 16, 2004

3000 Keat Ave., West Lafayette, IN 47906

Address of Assignee

| REISSUE APPLICATION DECLARATION BY THE ASSIGNEE | Docket Number |
|---|-------------------|
| | 368-011C |
| Inventor | Citizenship |
| Haesun Park | Republic of Korea |
| Residence Address | |
| 455 Lagrange St., West Lafayette, IN 47906 | |

Attachment to form PTO/SB/52

PTO/SB/53 (05-03)

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|---|--|-------------------------|--|--|
| REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT | | | | |
| | _ | | | |
| This is part of the application for a reissue patent based on the original patent identified below. | | | | |
| Name of Patentee(s) | | | | |
| | inam Park, Jun Chen, Haesun Park Date Patent Issued | | | |
| Patent Number 6,271,278 | August 7, 2001 | | | |
| Title of Invention Hydrogel Composites, and Supe | rpor | ous Hydrogel Composites | | |
| Having Fast Swelling, High Mechanical Strength, and Superabsorbent | | | | |
| 1. X Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96) | | | | |
| 2. Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect. | | | | |
| One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee". | | | | |
| The written consent of all assignees and inventors owning an une patent is included in this application for reissue. | livided i | nterest in the original | | |
| | | Dundua Dagarah | | |
| The assignee(s) owning an undivided interest in said original patent is/are | | Purdue Research | | |
| and the assignee(s) consents to the accompanying application for reissue. Foundation | | | | |
| Name of assignee/inventor (if not assigned) | | | | |
| Purdue Research Foundation | | | | |
| Signature | Date | | | |
| Suce Etushing | Feb | ruary 16, 2004 | | |
| Typed or printed name and title of person signing for assignee (if a | ssigned |) | | |
| Bruce L. Pershing | | | | |
| Investment Officer & Corporate Secret | ary | | | |
| | | | | |

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (08-03)
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| STATEMENT UNDER 37 CFR 3.73(b) | | |
|--|--|--|
| Applicant/Patent Owner: Purdue Research Foundation | | |
| Application No./Patent No.: 6,271,278 Filed/Issue Date: August 7, 2001 Hydrogel Composites and Superporous Hydrogel Composites Having Entitled: Fast Swelling, High Mechanical Strength and Superabsorbent Prop | | |
| Purdue Research Foundation, a Corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) | | |
| states that it is: 1. [X] the assignee of the entire right, title, and interest; or | | |
| 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is —————————————————————————————————— | | |
| A. [X] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel <u>009544</u> , Frame <u>0875</u> , or for which a copy thereof is attached. | | |
| OR | | |
| B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: | | |
| 1. From: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. | | |
| From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame, or for which a copy thereof is attached. | | |
| 3. From: To: The document was recorded in the United States Patent and Trademark Office at or for which a copy thereof is attached. | | |
| The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. | | |
| [] Additional documents in the chain of title are listed on a supplemental sheet. | | |
| [] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (<i>i.e.</i> , the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] | | |
| The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. | | |
| February 16, 2004 Bruce L. Pershing | | |
| Date Typed or printed name Succe Vicusting | | |
| Telephone number Signature Investment Officer and | | |
| <u>Corporate Secretary</u> Title | | |

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.